

JDISS IPA CLIENT SEGMENT (Ver 1.2.1) ABSTRACT
29 July 1996

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PURPOSE:

The IPA (Image Product Archive) Client Segment provides a user interface application which can connect with an IPA server. This segment is a JDISS Corporate Service (or JDISS plug-in) to either the JDISS Server or JDISS Client segment in GCCS 2.1/2.2. Either the JDISS Server or JDISS Client must be installed prior to installation of this segment.

The purpose of the IPA program is to establish standard servers in all theatres which can obtain and archive imagery files and/or imagery products from multiple sources. These files and products are in turn made available to imagery customers throughout the world. The mission is expanding to include the storage of maps and video files as well. IPA servers are currently on-line in several theatres. These servers can be accessed from clients anywhere in the Wide Area Network using this segment. The IPA program provides both the server and client software necessary to implement the IPA mission. The JDISS PMO, a "clearing house" of integrated intelligence applications, currently packages the IPA Client to operate successfully in joint systems which have an intelligence mission. To date this includes JDISS itself, JMCIS (Joint Maritime Command Information System), and GCCS.

EXAMPLE APPLICATION:

JDISS Server or JDISS Client become more powerful in the imagery domain with the addition of the IPA Client "plug-in" segment. The addition of IPA Client provides enhanced query and retrieval capability from IPA Servers beyond what is currently possible through IPA's Web browser interface. A typical use is to link to an IPA imagery server, search its database for relevant imagery/imagery products, download image files, and display/manipulate them using the imagery analysis tools in JDISS. In addition, the IPA Client supports uploading of image files and image products to an IPA server for other users to share, and also allows users to tunnel to other IPA servers and to national-level IDEX II imagery servers.

PRODUCT QUALIFICATION:

The JDISS IPA Client was initially delivered as a component of the MIG (MIDB and IPA for GCCS) initiative, sponsored by DISA. IPA is a well-established, yet still growing migration system for the storage and dissemination of imagery and other large binary objects in the U.S. intelligence community. The addition of the IPA Client Segment to JDISS brings a significant new set of capabilities to the intelligence analyst.

REQUIRED COTS LICENSES:

No license is required.

IMPLEMENTATION ISSUES:

The IPA Client Segment operates with the following configuration and memory requirements:

Version:	1.2.1
CPU:	Sun Sparc
O/S:	Solaris 2.3
Disk Space:	15MB
Memory:	64MB Recommended

PRODUCT CONSTRAINTS AND LIMITATIONS:

Workstation must have SIPRNET (or other WAN) connectivity to access an IPA Server. Users must have an account on desired IPA Server.

DEPENDENCIES:

JDISS Server or JDISS Client Segment must be installed

LEGAL RESTRICTIONS:

May not be released to any foreign countries on the State Department prohibited list.

EXECUTIVE AGENT:

DODIIS, delegated to Director, Office of Naval Intelligence